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(54) ANTIBODY AGAINST STROMELYSIN-2 (MMP-10)

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a monoclonal antibody (fragment) excellent in measuring accuracy and measuring sensitivity and useful for the diagnosis, etc., of cancer by specifically carrying out an immune reaction with human matrix protease 10 (MMP-10).

SOLUTION: This monoclonal antibody (fragment) is capable of specifically carrying out an immune reaction with MMP-10 or recognizing a region containing an amino acid sequence represented by formula I or II of the MMP-10 or its vicinity. The monoclonal antibody (fragment) is preferably used to perform an immunoassay or an immune structure dyeing method. A hybridoma cell capable of producing the monoclonal antibody is preferably prepared.

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